Title (en)

Context controller having status-based background task resource allocation capability and processor employing the same

Title (de)

Kontextsteuerungsvorrichtung mit zustandbasierter Betriebsmittelzuweisungsfähigkeit von Hintergrundaufgaben und Prozessor , der diese benutzt

Title (fr)

Controleur de contexte avec capacité d'allocation de ressource de tâches de fond basée sur un état et processeur utilisant celui-ci

Publication

EP 0942364 A2 19990915 (EN)

Application

EP 99301542 A 19990302

Priority

- US 7746198 P 19980310
- US 21506798 A 19981217

Abstract (en)

A context controller for managing multitasking in a processor and a method of operating the same. In one embodiment, the context controller includes: (1) memory that contains contexts corresponding to background tasks to be executed in the processor, the contexts having status indicators associated therewith and (2) a background task controller that reads the status indicators associated with the contexts and cyclicly activates the contexts based on the status indicators. <IMAGE>

IPC 1-7

G06F 9/46

IPC 8 full level

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CPC (source: EP)

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